

Nandrolone Decanoate
(CAS number- 360-70-3)
Specification USP/BP

TAJMTF-GLCMNT9218

Taj Active Pharmaceutical Ingredients

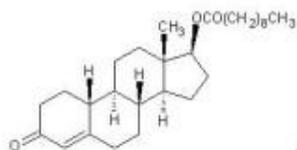
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Active Pharmaceutical Ingredients
TAJ PHARMACEUTICALS LIMITED INDIA



Raw Material / Chemicals Index

Taj Pharmaceuticals Ltd.
Nandrolone
Decanoate
CAS No.: 360-70-3



Product Description:

Synonym	17-beta-Hydroxyestr-4-en-3-one decanoate; 19-Norandrostenolone decanoate; 19-Nortestosterone decanoate; Deca-Durabol; Deca-Durabolin; Estr-4-en-3-one, 17-((1-oxodecyl)oxy)-, (17-beta); Norandrostenolone decanoate; Nortestosterone decanoate; Retabolil
Chemical Name	Estr-4-en-3-one, 17-beta-hydroxy-, decanoate
CAS Number	360-70-3
Molecular Formula	$\text{C}_{28}\text{H}_{44}\text{O}_3$

Melting Point	33-37°C
Appearance	White or off-white or light yellow crystalline powder
Toxicological Data on Ingredients	Nandrolone Decanoate LD50: Not available. LC50: Not available.

Hazards Identification:

Potential Acute Health Effects

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Fire and Explosion Data:

Flammability of the Product	May be combustible at high temperature.
Products of Combustion	These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances	Slightly flammable to flammable in presence of heat.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards	As with most organic solids, fire is possible at elevated temperatures

Accidental Release Measures:

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Handling and Storage:

Precautions	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 8°C (46.4°F). Refrigerate Sensitive to light. Store in light-resistant containers.

Exposure Controls/Personal Protection:

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Physical and Chemical Properties:

Physical state and appearance	Solid.
Solubility	Insoluble in cold water.
Color	White to yellowish.

Stability and Reactivity Data:

Stability	The product is stable.
Conditions of Instability	Excess heat, incompatible materials
Incompatibility with various Substances	Reactive with oxidizing agents.
Special Remarks on Reactivity	Sensitive to light.
Polymerization	Will not occur.

Toxicological Information:

Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED]. May cause damage to the following organs: the reproductive system.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Chronic Effects on Humans	Anabolic Steroid. May cause adverse reproductive effects. May cause cancer based on animal test data

Ecological Information:

Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.

Disposal Considerations:

Waste Disposal

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Transport Information:**DOT Classification**

Not a DOT controlled material (United States).

Other Regulatory Information and Pictograms:**Federal and State Regulations**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Nandrolone Decanoate California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Nandrolone Decanoate California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Nandrolone Decanoate

Other Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

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